

Title (en)
A process for the preparation of vitamin K2

Title (de)
Verfahren zur Herstellung von Vitamin K2

Title (fr)
Procédé pour la préparation de la vitamine k2

Publication
EP 1803820 B1 20090624 (EN)

Application
EP 05425932 A 20051229

Priority
EP 05425932 A 20051229

Abstract (en)
[origin: EP1803820A1] A process for the preparation of vitamin K2 (MK - 7) comprising the culture of Bacillus subtilis mutant strain GN13/72 - DSM 17766 deposited on December 05, 2005 at the DSMZ.

IPC 8 full level
C12P 7/66 (2006.01)

CPC (source: EP KR US)
C12N 1/00 (2013.01 - KR); **C12N 1/20** (2013.01 - KR); **C12N 9/00** (2013.01 - KR); **C12N 9/54** (2013.01 - KR); **C12P 7/66** (2013.01 - EP US)

Cited by
CN110499345A; GB2464797A; EP2360262A1; DE102010001832A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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AL BA HR MK YU

DOCDB simple family (publication)
EP 1803820 A1 20070704; EP 1803820 B1 20090624; AT E434666 T1 20090715; CA 2572373 A1 20070629; CA 2572373 C 20140204; CY 1109266 T1 20140702; DE 602005015133 D1 20090806; DK 1803820 T3 20091012; ES 2326379 T3 20091008; HR P20090507 T1 20091031; JP 2007181461 A 20070719; JP 5043425 B2 20121010; KR 101439473 B1 20140911; KR 20070072383 A 20070704; PL 1803820 T3 20091231; PT 1803820 E 20090714; RS 51172 B 20101031; SI 1803820 T1 20091031; US 2007154998 A1 20070705; US 7718407 B2 20100518

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EP 05425932 A 20051229; AT 05425932 T 20051229; CA 2572373 A 20061228; CY 091100829 T 20090805; DE 602005015133 T 20051229; DK 05425932 T 20051229; ES 05425932 T 20051229; HR P20090507 T 20090924; JP 2006354565 A 20061228; KR 20060135200 A 20061227; PL 05425932 T 20051229; PT 05425932 T 20051229; RS P20090359 A 20051229; SI 200530735 T 20051229; US 63576806 A 20061208